

**INTERIM LAND ACQUISITION PRIORITY SYSTEM
U.S. FISH AND WILDLIFE SERVICE**

BIRD CONSERVATION COMPONENT

Project Name: _____

Date: ____________

USFWS Ecosystem: _____

Region: _____

BACKGROUND

The Bird Conservation Component may score a cumulative maximum of 200 points. The 200 point limit also exists for other LAPS components (e.g., Fisheries and Aquatic Resources, Endangered and Threatened Species, and Ecosystem Conservation). The criteria were developed in order to provide a more quantitative assessment of the Bird Conservation Component. The component should help conserve and restore bird resources through Service land acquisition. Your responses regarding "the project" should be based on the entire area within the approved acquisition boundary.

Birds are impacted by a variety of habitat and non-habitat factors. In order to protect habitats that are most needed to obtain or maintain population objectives, this target focuses on acquisition projects that provide essential habitats for bird population and species maintenance. The Bird Conservation Component of LAPS provides a means to rank proposed land acquisitions from a national perspective with regard to the overall bird resource. This Component also reduces the clumping of ranking scores, allowing the prioritization of bird projects. This Component uses the following subject areas to rank bird category projects: (1) importance of the project to significant portions of bird species, and (2) importance of the project to avian diversity.

Each Region has developed a list of important bird species for use in this process. This list should include Nongame Species of Management Concern (1995 List) and North American Wetlands Conservation Act (NAWCA) Priority Waterfowl Species. Other species, including Threatened and Endangered birds may make up a total list of 70 species. Species of Management Concern and NAWCA Priority Waterfowl Species have been weighted in the scoring of Factor A in order to provide emphasis for those species.

The Regional bird lists reflect the best available information about bird conservation priorities. Bird Conservation Regions and corresponding bird lists are being developed for all bird species by the North American Bird Conservation Initiative-Partners in Flight and will further focus an ecologically based approach to bird conservation.

COMPONENT CRITERIA

Factor A - Importance to Specific Species or Populations (Maximum of 120 points)

Identification and weighing of bird species that occur on the project in a meaningful way, e.g. habitat protection associated with the proposed project would directly influence a significant aspect of the bird population's survival.

1. Each Service Region has a list of 70 important birds species for use in this process; these lists are included at the end of this section. For each species three annual life cycle needs are considered, e.g. breeding, migration, and wintering habitat.
2. A species would only be considered under this section if land protection for the species in question was important at the overall project site, e.g. if the species in question was not limited by habitat at the site in question, then it would not be addressed. An example in the Atlantic Flyway would be if an area in South Carolina had no potential for restoration of black ducks, then black ducks would not be included in the analysis.
3. A species importance value is calculated based on the following criteria:
 - if the project supports greater than 50% of the overall population for the species in North America (1,000 points).
 - if the project supports 5 - 49% of the overall population for the species in North America (400 points for Nongame Species of Management Concern, and NAWCA Priority Waterfowl Species; 200 points for other species).
 - if the project supports less than 5% of the overall population for the species in North America (2 points for each life cycle occurrence for Nongame Species of Management Concern and NAWCA Priority Waterfowl Species; 1 point for other species)

If a species meets the >50% criteria or the 5-49% criteria, the number of life cycle periods is not needed for the score; the project earns a high score for supporting even one life cycle period of those species. For those species that the project supports less than 5% of the population, the score is calculated using the number of life cycle period boxes checked. Find the species list for your region (at the end of this section) and check the boxes for species occurrence by life cycle period. The life cycle periods are denoted by: B= Breeding, M=Migrating, and W=Wintering. Next, use the table below to calculate score of 120 possible points.

- a) List species for which project supports $\geq 50\%$ of the population for at least one life cycle period (identify if Nongame Species of Management Concern or NAWCA Priority Waterfowl Species):
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-
-

Number species listed in section a) above x 1000 pts = _____

b) List species for which project supports 5 - 49 % of the population for at least one life cycle period (identify if Nongame Species of Management Concern or NAWCA Priority Waterfowl Species):

Number of Nongame Species of Management Concern or NAWCA Priority Waterfowl Species listed in section b) above x 400 pts= _____

Number of other species listed in section b) above x 200 pts = _____

Add these two numbers together for b) Subtotal points= _____

c) Number of life cycle boxes of Nongame Species of Management Concern or NAWCA Priority Waterfowl Species checked (but *not* in (a) or (b) above) x 2 pts = _____

Number of life cycle boxes of other species checked (but *not* in (a) or (b) above) x 1 pt = _____

Add these two numbers together for c) Subtotal points: _____

FACTOR A SCORE= Add points from a + b + c = ___, then use table below to find Score = _____

<u>Points</u>	<u>Score</u>	<u>Points</u>	<u>Score</u>
total= 0	score= 0	total= 115 - 174	score= 50
total= 1- 9	score= 05	total= 175 - 254	score= 60
total= 10 - 14	score= 10	total= 255 - 344	score= 70
total= 15 - 29	score= 15	total= 345 - 449	score= 80
total= 30 - 44	score= 20	total= 450 - 579	score= 90
total= 45 - 64	score= 30	total= 580 - 844	score= 100
total= 65 - 114	score= 40	total= 845 - 989	score= 110
		total \geq 990	score= 120

Factor B - Avian Diversity Score (Maximum 80 pts)

This score represents all the species identified on a Regional bird species list that are relevant to this project. This score reflects the importance of the proposed project to the overall bird resource and to avian diversity, whereas the Importance to Species or Populations Value reflects the value of the project to a significant segment or percentage of a few important species. Count total number of species checked on the Region list, then use the following table to calculate score of 80 possible points.

FACTOR B SCORE= use table below to find Score = _____

<u>Points</u>	<u>Score</u>	<u>Points</u>	<u>Score</u>
total=0	score=0	total=35 - 39	score=45
total=1 - 9	score=10	total=40 - 44	score=50
total=10 - 13	score=15	total=45 - 49	score=55
total=14 - 17	score=20	total=50 - 54	score=60
total=18 - 21	score=25	total=55 - 58	score=65
total=22 - 25	score=30	total=59 - 62	score=70
total=26 - 29	score=35	total=63 - 66	score=75
total=30 - 34	score=40	total=67 - 70	score=80

The total score for the Bird Conservation Component is derived by adding the species importance score and avian diversity, Factor A + B = _____ (Maximum of 200 pts.).

Region 1

B M W

Nongame Species of Management Concern:

" " " common loon
" " " ashy storm-petrel
" " " band-rumped storm-petrel
" " " American bittern
" " " least bittern
" " " reddish egret
" " " white-faced ibis
" " " trumpeter swan
" " " black-shouldered kite
" " " Northern goshawk
" " " ferruginous hawk
" " " yellow rail
" " " black rail
" " " snowy plover
" " " mountain plover
" " " long-billed curlew
" " " elegant tern
" " " black tern
" " " peregrine falcon
" " " Xantus' murrelet
" " " yellow-billed cuckoo
" " " burrowing owl
" " " short-eared owl
" " " black swift
" " " Vaux's swift
" " " Costa's hummingbird
" " " rufous hummingbird
" " " Allen's hummingbird
" " " Lewis' woodpecker
" " " Gila woodpecker
" " " red-breasted sapsucker
" " " olive-sided flycatcher
" " " gray flycatcher
" " " Pacific-slope flycatcher
" " " Bewick's wren
" " " Bendire's thrasher
" " " California thrasher

B M W

" " " loggerhead shrike
" " " Bell's vireo
" " " Lucy's warbler
" " " Hermit warbler
" " " Brewer's sparrow
" " " lark sparrow
" " " sage sparrow
" " " grasshopper sparrow
" " " tricolored blackbird
" " " Lawrence's goldfinch

NAWCA Priority Waterfowl Species:

" " " Pacific greater white-fronted goose
" " " Tule greater white-fronted goose
" " " dusky Canada goose
" " " cackling Canada goose
" " " Wrangel Island snow goose
" " " mallard
" " " Northern pintail
" " " lesser scaup
" " " greater scaup
" " " redhead
" " " wood duck
" " " canvasback
" " " ring-necked duck
" " " common eider

Other Species:

" " " American avocet
" " " Aleutian Canada goose
" " " black brant
" " " gadwall
" " " Barrow's goldeneye
" " " dunlin
" " " western sandpiper
" " " band-tailed pigeon
" " " tundra swan

Region 1 - Hawaii

B M W

Nongame Species of Management Concern:

" " " short-eared owl
" " " bristle-thighed curlew

NAWCA Priority Waterfowl Species:

" " " Northern pintail
" " " American wigeon
" " " ring-necked duck
" " " greater scaup
" " " lesser scaup

Other Species:

" " " Laysan albatross
" " " dark-rumped petrel
" " " Bulwer's petrel
" " " wedge-tailed shearwater
" " " Newell shearwater
" " " band-rumped storm-petrel
" " " white-tailed tropicbird
" " " red-tailed tropicbird
" " " masked booby
" " " brown booby
" " " red-footed booby
" " " great frigatebird
" " " black-crowned night-heron
" " " Hawaiian goose
" " " green-winged teal
" " " Hawaiian duck
" " " garganey
" " " Northern shoveler
" " " Hawaiian hawk
" " " common moorhen
" " " Hawaiian coot
" " " Pacific golden-plover
" " " black-necked stilt
" " " lesser yellowlegs
" " " wandering tattler
" " " ruddy turnstone

B M W

" " " sanderling
" " " gray-backed tern
" " " sooty tern
" " " brown noddy
" " " black noddy
" " " white tern
" " " Hawaiian crow
" " " Kaua`i `Elepaio
" " " O`ahu `Elepaio
" " " Hawai`i `Elepaio
" " " Kama`o (large Kauai thrush)
" " " `Oma`o (Hawai`i thrush)
" " " Puaiohi (small Kaua`i thrush)
" " " Kaua`i `O`o, `O`o`a`a
" " " `O`u
" " " Palila
" " " Maui Parrotbill
" " " `Kaua`i `Amakihi
" " " `Oahu `Amakihi
" " " Maui `Amakihi
" " " Hawai`i `Amakihi
" " " `Amakihi or `Anianiau
" " " Kaua`i Nukupu`u
" " " Maui Nukupu`u
" " " `Akiapola`au
" " " Kaua`i creeper or `Akikiki
" " " Hawai`i creeper
" " " O`ahu creeper or O`ahu `Alauahio
" " " Maui creeper or Maui `Alauahio
" " " Kaua`i `Akepa
" " " Maui `Akepa
" " " Hawai`i `Akepa
" " " `T`iwi
" " " crested honeycreeper or `Akohokohe
" " " `Apapane
" " " Po`ouli
" " " Olomao (Moloka`i thrush)

Region 2

B M W

Nongame Species of Management

Concern

' ' ' peregrine falcon
' ' ' Northern harrier
' ' ' common black-hawk
' ' ' Northern goshawk
' ' ' gray hawk
' ' ' ferruginous hawk
' ' ' ferruginous pygmy-owl
' ' ' burrowing owl
' ' ' American bittern
' ' ' least bittern
' ' ' reddish egret
' ' ' black rail
' ' ' snowy plover
' ' ' Wilson's plover
' ' ' mountain plover
' ' ' least grebe
' ' ' white-faced ibis
' ' ' black tern
' ' ' Lucifer hummingbird
' ' ' yellow-billed cuckoo
' ' ' Costa's hummingbird
' ' ' buff-breasted flycatcher
' ' ' vermillion flycatcher
' ' ' gray flycatcher
' ' ' veery
' ' ' Bendire's thrasher
' ' ' curve-billed thrasher
' ' ' red-headed woodpecker
' ' ' Northern beardless-tyrannulet
' ' ' loggerhead shrike
' ' ' Bell's vireo
' ' ' gray vireo
' ' ' tropical parula
' ' ' Virginia's warbler
' ' ' Lucy's warbler
' ' ' prairie warbler
' ' ' cerulean warbler
' ' ' Swainson's warbler

B M W

' ' ' painted bunting
' ' ' Audubon's oriole
' ' ' Bachman's sparrow
' ' ' Botteri's sparrow
' ' ' Cassin's sparrow
' ' ' field sparrow
' ' ' Baird's sparrow
' ' ' grasshopper sparrow
' ' ' Henslow's sparrow
' ' ' olive sparrow
' ' ' lark sparrow
' ' ' black-throated sparrow
' ' ' sage sparrow

NAWCA Priority Waterfowl Species:

' ' ' mottled duck
' ' ' Northern pintail
' ' ' greater scaup
' ' ' lesser scaup
' ' ' canvasback
' ' ' redhead
' ' ' mallard
' ' ' wood duck
' ' ' ring-necked duck
' ' ' American wigeon

Other Species:

' ' ' anhinga
' ' ' scissor-tailed flycatcher
' ' ' Harris's hawk
' ' ' white-tailed hawk
' ' ' yellow rail
' ' ' prothonotary warbler
' ' ' rufous-winged sparrow
' ' ' LeConte's sparrow
' ' ' Smith's longspur

Region 3

B M W

Nongame Species of Management Concern:

- / / / common loon
- / / / American bittern
- / / / least bittern
- / / / trumpeter swan
- / / / Northern harrier
- / / / Northern goshawk
- / / / red-shouldered hawk
- / / / peregrine falcon
- / / / yellow rail
- / / / black rail
- / / / upland sandpiper
- / / / common tern
- / / / black tern
- / / / yellow-billed cuckoo
- / / / barn owl
- / / / burrowing owl
- / / / short-eared owl
- / / / red-headed woodpecker
- / / / Northern flicker
- / / / olive-sided flycatcher
- / / / Bewick's wren
- / / / sedge wren
- / / / veery
- / / / wood thrush
- / / / loggerhead shrike
- / / / Bell's vireo
- / / / blue-winged warbler
- / / / golden-winged warbler
- / / / chestnut-sided warbler
- / / / prairie warbler
- / / / cerulean warbler
- / / / worm-eating warbler
- / / / Swainson's warbler
- / / / dickcissel
- / / / Bachman's sparrow
- / / / field sparrow
- / / / Baird's sparrow
- / / / grasshopper sparrow

B M W

- / / / Henslow's sparrow
- / / / bobolink
- / / / eastern meadowlark

NAWCA Priority Waterfowl Species:

- / / / Southern James Bay Population Canada geese
- / / / mallard
- / / / American black duck
- / / / American wigeon
- / / / Northern pintail
- / / / wood duck
- / / / canvasback
- / / / redhead
- / / / ring-necked duck
- / / / lesser scaup

Other Species:

- / / / bald eagle
- / / / piping plover
- / / / sandhill crane
- / / / whimbrel
- / / / greater yellowlegs
- / / / long-billed dowitcher
- / / / Eastern Prairie Population Canada geese
- / / / Mississippi Valley Pop. Canada geese
- / / / gadwall
- / / / green-winged teal
- / / / blue-winged teal
- / / / marbled godwit
- / / / Wilson's phalarope
- / / / tundra swan
- / / / common goldeneye
- / / / American woodcock
- / / / hooded merganser
- / / / Virginia rail
- / / / sora rail

Region 4

B M W

Nongame Species of Management Concern:

- ' ' ' common loon
- ' ' ' black-capped petrel
- ' ' ' brown pelican
- ' ' ' American bittern
- ' ' ' least bittern
- ' ' ' limpkin
- ' ' ' reddish egret
- ' ' ' yellow rail
- ' ' ' black rail
- ' ' ' snowy plover
- ' ' ' Wilson's plover
- ' ' ' upland sandpiper
- ' ' ' long-billed curlew
- ' ' ' least tern
- ' ' ' swallow-tailed kite
- ' ' ' Northern harrier
- ' ' ' short-tailed hawk
- ' ' ' Northern goshawk
- ' ' ' peregrine falcon
- ' ' ' short-eared owl
- ' ' ' barn owl
- ' ' ' burrowing owl
- ' ' ' white-crowned pigeon
- ' ' ' Bewick's wren
- ' ' ' painted bunting
- ' ' ' yellow-billed cuckoo
- ' ' ' red-headed woodpecker
- ' ' ' Bell's vireo
- ' ' ' black-whiskered vireo
- ' ' ' sedge wren
- ' ' ' wood thrush
- ' ' ' veery
- ' ' ' blue-winged warbler
- ' ' ' black-throated blue warbler
- ' ' ' worm-eating warbler
- ' ' ' prairie warbler
- ' ' ' golden-winged warbler
- ' ' ' cerulean warbler
- ' ' ' Swainson's warbler

B M W

- ' ' ' Louisiana waterthrush
- ' ' ' olive-sided flycatcher
- ' ' ' loggerhead shrike
- ' ' ' dickcissel
- ' ' ' grasshopper sparrow
- ' ' ' lark sparrow
- ' ' ' Bachman's sparrow
- ' ' ' Henslow's sparrow
- ' ' ' field sparrow
- ' ' ' bobolink
- ' ' ' Eastern meadowlark
- ' ' ' common ground dove
- ' ' ' Northern flicker

NAWCA Priority Waterfowl Species:

- ' ' ' Southern James Bay Canada
- Canada Goose
- ' ' ' Atlantic brant
- ' ' ' Northern pintail
- ' ' ' American black duck
- ' ' ' wood duck
- ' ' ' mottled duck
- ' ' ' mallard
- ' ' ' lesser scaup
- ' ' ' greater scaup
- ' ' ' American wigeon
- ' ' ' redhead
- ' ' ' canvasback
- ' ' ' ring-necked duck

Other Species:

- ' ' ' red knot
- ' ' ' American woodcock
- ' ' ' American oystercatcher
- ' ' ' Northern saw-whet owl (Appal. only)
- ' ' ' yellow-bellied sapsucker (Appal. only)

Region 4 - Puerto Rico, Virgin Islands

B M W

Nongame Species of Management Concern

" " " West Indian whistling duck
" " " masked duck
" " " white-cheeked pintail
" " " Caribbean coot
" " " white-crowned pigeon
" " " short-eared owl
" " " Puerto Rican screech owl
" " " snowy plover
" " " black-whiskered vireo
" " " bridled quail-dove
" " " Louisiana waterthrush
" " " Northern harrier
" " " golden-winged warbler
" " " chestnut-sided warbler
" " " elfin woods warbler
" " " worm-eating warbler
" " " black-throated blue warbler
" " " prairie warbler

Other Species:

" " " Antillean mango
" " " Puerto Rican vireo
" " " grasshopper sparrow
" " " black-cowled oriole
" " " Audubon's shearwater
" " " white-tailed tropicbird
" " " red-billed tropicbird
" " " black rail
" " " yellow-breasted crake
" " " Wilson's plover
" " " Puerto Rican emerald
" " " green mango
" " " Puerto Rican tody
" " " Puerto Rican woodpecker
" " " red-legged thrush
" " " Bicknell's thrush
" " " Puerto Rican tanager

B M W

" " " stripe-headed tanager (P.R. Subsp.)
" " " American oystercatcher
" " " stilt sandpiper
" " " semipalmated sandpiper
" " " short-billed dowitcher
" " " Key West quail-dove
" " " yellow-billed cuckoo
" " " mangrove cuckoo
" " " ruddy duck
" " " limpkin
" " " Puerto Rican lizard-cuckoo
" " " black swift
" " " Antillean euphonia
" " " Antillean crested hummingbird
" " " Lesser Antillean Pewee
" " " Puerto Rican flycatcher
" " " Northern parula
" " " Adelaide's warbler
" " " palm warbler
" " " black-and-white warbler
" " " Kentucky warbler
" " " Puerto Rican bullfinch
" " " Lesser Antillean bullfinch
" " " peregrine falcon
" " " sanderling
" " " Western sandpiper
" " " gull-billed tern
" " " royal tern
" " " sooty tern
" " " Sandwich tern
" " " least tern
" " " green-throated carib
" " " Northern waterthrush
" " " bananaquit
" " " brown noddy

Region 5

B M W

Nongame Species of Management Concern:

- / / / common loon
- / / / American bittern
- / / / least bittern
- / / / black rail
- / / / upland sandpiper
- / / / common tern
- / / / black tern
- / / / peregrine falcon
- / / / Northern harrier
- / / / red shouldered hawk
- / / / Northern goshawk
- / / / short-eared owl
- / / / olive-sided flycatcher
- / / / sedge wren
- / / / blue-winged warbler
- / / / chestnut-sided warbler
- / / / Swainson's warbler
- / / / golden-winged warbler
- / / / cerulean warbler
- / / / worm-eating warbler
- / / / Louisiana waterthrush
- / / / wood thrush
- / / / grasshopper sparrow
- / / / Henslow's sparrow
- / / / Bachman's sparrow
- / / / field sparrow
- / / / Eastern meadowlark
- / / / bobolink
- / / / red-headed woodpecker
- / / / Northern flicker
- / / / Bewick's wren
- / / / veery
- / / / Bicknell's thrush
- / / / loggerhead shrike

NAWCA Priority Waterfowl Species:

- / / / Southern James Bay Canada goose
- / / / Atlantic brant
- / / / mallard
- / / / American black duck
- / / / Northern pintail
- / / / wood duck
- / / / canvasback
- / / / redhead
- / / / greater scaup
- / / / lesser scaup
- / / / ring-necked duck
- / / / American wigeon
- / / / common eider

Other Species:

- / / / great blue heron
- / / / migrant Canada goose
- / / / blue-winged teal
- / / / green-winged teal
- / / / hooded merganser
- / / / clapper rail
- / / / willet
- / / / common snipe
- / / / American woodcock
- / / / ruddy turnstone
- / / / red knot
- / / / sanderling
- / / / American oystercatcher
- / / / royal tern
- / / / black skimmer
- / / / American kestrel
- / / / whip-poor-will
- / / / Acadian flycatcher
- / / / prothonotary warbler
- / / / blackburnian warbler
- / / / seaside sparrow
- / / / saltmarsh sharp-tailed sparrow
- / / / swamp sparrow

B M W

Region 6

B M W

Nongame Species of Management Concern:

' ' ' common loon
' ' ' American bittern
' ' ' white-faced ibis
' ' ' yellow rail
' ' ' black rail
' ' ' snowy plover
' ' ' mountain plover
' ' ' upland sandpiper
' ' ' long-billed curlew
' ' ' black tern
' ' ' trumpeter swan
' ' ' Northern harrier
' ' ' Northern goshawk
' ' ' ferruginous hawk
' ' ' barn owl
' ' ' burrowing owl
' ' ' short-eared owl
' ' ' black swift
' ' ' Vaux's swift
' ' ' Brewer's sparrow
' ' ' Henslow's sparrow
' ' ' grasshopper sparrow
' ' ' Cassin's sparrow
' ' ' Baird's sparrow
' ' ' McCowan's longspur
' ' ' chestnut-collared longspur
' ' ' eastern meadowlark
' ' ' red-headed woodpecker
' ' ' olive-sided flycatcher
' ' ' gray flycatcher
' ' ' Bewick's wren
' ' ' sedge wren
' ' ' veery
' ' ' Sprague's pipit
' ' ' loggerhead shrike
' ' ' gray vireo
' ' ' cerulean warbler
' ' ' Virginia's warbler

B M W

' ' ' dickcissel
' ' ' lark bunting

NAWCA Priority Waterfowl Species:

' ' ' mallard
' ' ' Northern pintail
' ' ' canvasback
' ' ' ring-necked duck
' ' ' lesser scaup
' ' ' wood duck
' ' ' redhead
' ' ' American wigeon

Other Species:

' ' ' Franklin's gull
' ' ' golden eagle
' ' ' Mexican spotted owl
' ' ' Greater White-fronted Goose
' ' ' Short-grass Prairie Pop. Canada
Goose
' ' ' Hi Line Canada Goose
' ' ' Wilson's phalarope
' ' ' common snipe
' ' ' hooded merganser
' ' ' harlequin duck
' ' ' common goldeneye
' ' ' least tern
' ' ' piping plover
' ' ' Lewis' woodpecker
' ' ' Northern waterthrush
' ' ' yellow-billed cuckoo
' ' ' Southwest willow flycatcher
' ' ' rock wren
' ' ' Bell's vireo
' ' ' Wilson's warbler
' ' ' clay-colored sparrow
' ' ' bobolink

Region 7

B M W

Nongame Species of Management Concern:

- / / / yellow-billed loon
- / / / common loon
- / / / bristle-thighed curlew
- / / / trumpeter swan
- / / / marbled murrelet
- / / / Kittlitz's murrelet
- / / / red-legged kittiwake
- / / / Northern goshawk
- / / / peregrine falcon
- / / / blackpoll warbler
- / / / Tennessee warbler
- / / / gray-cheeked thrush
- / / / olive-sided flycatcher
- / / / alder flycatcher
- / / / Pacific-slope flycatcher
- / / / black swift
- / / / Vaux's swift
- / / / rufous hummingbird
- / / / red-breasted sapsucker

NAWCA Priority Waterfowl Species:

- / / / Pacific brant
- / / / cackling Canada goose
- / / / Wrangel Island snow goose
- / / / Pacific greater white-fronted goose
- / / / Tule greater white-fronted goose
- / / / dusky Canada goose
- / / / common eider
- / / / Northern pintail
- / / / canvasback
- / / / greater scaup
- / / / lesser scaup
- / / / mallard
- / / / redhead
- / / / ring-necked duck

Other:

- / / / Hudsonian godwit
- / / / bar-tailed godwit
- / / / whimbrel
- / / / black turnstone
- / / / rock sandpiper
- / / / buff-breasted sandpiper
- / / / surfbird
- / / / Pacific golden plover
- / / / tundra swan
- / / / red-throated loon
- / / / emperor goose
- / / / Aleutian Canada goose
- / / / lesser sandhill crane
- / / / king eider
- / / / spectacled eider
- / / / Steller's eider
- / / / harlequin duck
- / / / oldsquaw
- / / / Barrow's goldeneye
- / / / black scoter
- / / / black oystercatcher
- / / / short-billed dowitcher (caurinus)
- / / / wandering tattler
- / / / parakeet auklet
- / / / whiskered auklet
- / / / crested auklet
- / / / least auklet
- / / / pigeon guillemot
- / / / Aleutian tern
- / / / red-faced cormorant
- / / / fork-tailed storm-petrel
- / / / gyrfalcon
- / / / golden eagle
- / / / Smith's longspur
- / / / golden-crowned kinglet
- / / / Northern shrike
- / / / rusty blackbird

B M W

INTERIM LAND ACQUISITION PRIORITY SYSTEM
Bird Conservation Component
Data Input Form

Project Name: _____

Date: _______

State: _____

Region: _____

USFWS Ecosystem: _____

Using appropriate Region List, check the boxes for each life cycle need that the project meets for each bird species.

Factor A -Importance to specific species or populations (Maximum of 120 points)

a) List species for which project supports $\geq 50\%$ of the population for at least one life cycle period (identify if Nongame Species of Management Concern or NAWCA Priority Waterfowl Species).

Number species listed in section (a) ____ x 1000 pts = ____

b) List species for which project supports 5 - 49 % of the population for at least one life cycle period (identify if Nongame Species of Management Concern or NAWCA Priority Waterfowl Species).

Number of Nongame Species of Management Concern or NAWCA Priority Waterfowl Species listed in section (b) ____ x 400 pts = ____

Number of other species listed in section (b) ____ x 200 pts = ____

Total points for section (b) = ____

c) Number of life cycle boxes of Nongame Species of Management Concern or NAWCA Priority Waterfowl Species checked on Region list (but *not* in (a) or (b) above) = ____ x 2 pts = ____

Number of life cycle boxes of other species checked on Region list (but *not* in (a) or (b) above) = ____ x 1 pt = ____

Total points for section (c) = ____

Total Points: a) ____ + b) ____ + c) ____ = _____

Determine Factor Score from Total Points using the table below:

<u>Points</u>	<u>Score</u>	<u>Points</u>	<u>Score</u>
total=0	score=0	total=115 - 174	score=50
total=1- 9	score=05	total=175 - 254	score=60
total=10 - 14	score=10	total=255 - 344	score=70
total=15 - 29	score=15	total=345 - 449	score=80
total=30 - 44	score=20	total=450 - 579	score=90
total=45 - 64	score=30	total=580 - 844	score=100
total= 65 - 114	score=40	total=845 - 989	score=110
		total \geq 990	score=120

TOTAL FACTOR A SCORE= _____

Factor B - Avian Diversity Score (80 pts)

Count number of species identified on Region list: _____ , and find corresponding score in Table below:

<u>Points</u>	<u>Score</u>	<u>Points</u>	<u>Score</u>
total=0	score=0	total=35 - 39	score=45
total=1 - 9	score=10	total=40 - 44	score=50
total=10 - 13	score=15	total=45 - 49	score=55
total=14 - 17	score=20	total=50 - 54	score=60
total=18 - 21	score=25	total=55 - 58	score=65
total=22 - 25	score=30	total=59 - 62	score=70
total=26 - 29	score=35	total=63 - 66	score=75
total=30 - 34	score=40	total=67 - 70	score=80

TOTAL FACTOR B SCORE= _____

Bird Conservation Component Total Possible Score =200

Total Score: Factor A _____ + B _____ = _____